

Application No. 09/683249
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Amendment After Final
Attorney Docket No. S63.2B-10014-US01

Amendments To The Claims:

Claims 1-37. (Canceled)

Claim 38. (Previously presented) An unexpanded stent comprising a plurality of segments including:

a first balloon expandable segment which is not self-expanding, the first balloon expandable segment defining a plurality of balloon expandable cells therein;

a second balloon expandable segment which is not self-expanding, the second balloon expandable segment defining a plurality of balloon expandable cells therein; and

a plurality of self-expanding segments, each self-expanding segment being non-abutting to any other self-expanding segment, some of the plurality of self-expanding segments being longitudinally and circumferentially offset from one another, each self-expanding segment defining a plurality of self-expanding cells therein, the self-expanding cells made of a shape memory material;

the stent having a distal-most end and a proximal-most end, each end constructed of balloon expandable material.

Claim 39. (New) The stent of claim 38 wherein the self-expanding segments are regularly distributed about the stent.

Claim 40. (New) The stent of claim 38 comprising more balloon expandable but non-self-expanding cells than self-expanding cells.

Claim 41. (New) The stent of claim 38 wherein the stent has a protective covering.

Claim 42. (New) The stent of claim 38 wherein at least 50% of the stent is made from one piece balloon expandable metal.

Claim 43. (New) The stent of claim 38 wherein at least one self-expanding segment is located at an end of the stent.

Claim 44. (New) The stent of claim 38 wherein the segments are irregularly shaped.

Claim 45. (New) The stent of claim 38 wherein the balloon expandable segments are made of stainless steel and the self-expanding segments are made of a shape memory alloy.

Claim 46. (New) The stent of claim 45 wherein the shape memory alloy is FeMnSiCrNi shape memory stainless steel.